

General Information

Considerations When Purchasing a Large Screen TV.

Screen Size

- Features to match your lifestyle
- Interfacing w/other smart devices
- Budget Consideration
- Choosing the right size (20inches to 80inches)

Picture Quality

- Determine your viewing distance. Viewing distance is simply the distance between your television and where you and your guest normally sit when watch television. Measure the distance from the area you want to place you TV from where you sit to view the television. Divide the distance by 3. The number you get is the smallest size television you can purchase and still see it clearly from a distance. Divide the distance from the TV where you will sit by 1.5. This number is the largest television set you can purchase and still see it clearly. Compare the two number to the TV sizes available. An example: Sitting distance from TV - 48 inches divided by 3 (16) and 1.5 (32). Your TV range is between 19" and 32 inches.
- Non-HDTV choose a smaller size as the larger screen may be harder to see.
- Standard Breakdown

34"- 4.25'/5.7	42"- 5.25'/8.75'	50"- 6.25'/10.5'	56"-7'/11.75'
62"- 7.75'/13'	70"- 8.75'/14.75'		

Other consideration (in viewing distance)

Location

The size of screen will depend on what room you are using it in, and the location where you intend on viewing it. A TV in a kitchen or office we likely be much closer in comparison to a television located in the living-room.

Sound

Is it analog or digital? To close analog may be distorted.

Viewing Height

When seated in a normal viewing position the eyes should be approximately mid-level with the screen.

Lighting Consideration

Larger screens produce much brighter picture which may not go well with a room that is bright.

What type of Smart TV

The list below only provides you with a technical aspect overall in what is available on the market today. Other factors, are features, personal preferences, and price.

Flat Screens (LCD, LED, and Plasmas)

They are all significantly brighter, and features higher contrasts then tradition CRT sets enabling them to perform very well under most ambient light conditions. You do not have to turn off the lights to see them clearly, nor do they flicker, like old TVs, eliminating the eye strain.

LCD TV (Liquid Crystal Display) Viewing in a brightly light room won't wash out the picture, nor will the lamplight cause a glare on the screen. At this point in time the two choices are to buy an LED-lit LCD screen, or get a plasma.

LED TV (Lighting Emitted Diodes) (Energy saving technology that make your screen look brighter and last longer. Bright Resolution Crisp quality)

UHD TV (Ultra High Definition / includes 4k UHD (2169p) and 8K UHD (4320p) with a aspect ratio of 16:9. (Not yet feasible giving the technology availability to support it)

Plasma TV (Historically, Plasma have been the best... However, their domination is OVER LED are gaining in technology.

3D TV (Hot feature allows gaming and movies)